

# **Product datasheet for TP301590**

#### OriGene Technologies, Inc.

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### NFIB (NM\_005596) Human Recombinant Protein

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human nuclear factor I/B (NFIB), 20 μg

Species: Human Expression Host: HEK293T

**Expression cDNA Clone** >RC201590 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MMYSPICLTQDEFHPFIEALLPHVRAIAYTWFNLQARKRKYFKKHEKRMSKDEERAVKDELLSEKPEIKQ KWASRLLAKLRKDIRQEYREDFVLTVTGKKHPCCVLSNPDQKGKIRRIDCLRQADKVWRLDLVMVILFKG IPLESTDGERLMKSPHCTNPALCVQPHHITVSVKELDLFLAYYVQEQDSGQSGSPSHNDPAKNPPGYLED SFVKSGVFNVSELVRVSRTPITQGTGVNFPIGEIPSQPYYHDMNSGVNLQRSLSSPPSSKRPKTISIDEN MEPSPTGDFYPSPSSPAAGSRTWHERDQDMSSPTTMKKPEKPLFSSASPQDSSPRLSTFPQHHHPGIPGV AHSVISTRTPPPPSPLPFPTQAILPPAPSSYFSHPTIRYPPHLNPQDTLKNYVPSYDPSSPQTSQSWYLG

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK

Predicted MW: 47.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 005587

**Locus ID:** 4781



#### NFIB (NM\_005596) Human Recombinant Protein - TP301590

UniProt ID: <u>000712</u>, <u>Q5VW28</u>

RefSeq Size: 8285

**Cytogenetics:** 9p23-p22.3

RefSeq ORF: 1260

Synonyms: CTF; HMGIC/NFIB; MACID; NF-I/B; NF1-B; NFI-RED; NFIB2; NFIB3

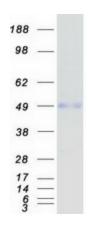
Summary: Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral

and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.[UniProtKB/Swiss-Prot

Function]

**Protein Families:** Druggable Genome, Transcription Factors

## **Product images:**



Coomassie blue staining of purified NFIB protein (Cat# TP301590). The protein was produced from HEK293T cells transfected with NFIB cDNA clone (Cat# [RC201590]) using MegaTran 2.0 (Cat#

[TT210002]).